

Converting Colors

XYZ(40.0374, 31.5590, 24.2478)

Have a look what the booklet for
XYZ(40.0374, 31.5590, 24.2478)
contains.

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Color

**XYZ(40.2307, 31.7486,
24.4298)**

Conversions

Conversions Part 1

Format	Color
Hex	D98080
RGB	217, 128, 128
RGB Percent	85%, 50%, 50%
CMY	0.1490, 0.4980, 0.4980
CMYK	0.00, 0.41, 0.41, 0.15
HSL	0°, 54%, 68%
HSV	0°, 41%, 85%
XYZ	40.2307, 31.7486, 24.4298
YIQ	154.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

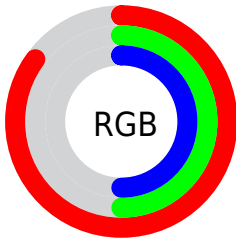
Format	Color
R _Y B	217, 128, 128
Decimal	14254208
CIE Lab	63.13, 34.32, 14.91
CIE LCh	63, 37.415, 23.483
Yxy	31.7486, 0.4173, 0.3293
Android (android.graphics.Color)	4292444288 (0xFFD98080)
YUV	154.6110, -13.1192, 54.7152
Hunter-Lab	56.3459, 28.8428, 13.7359

Details

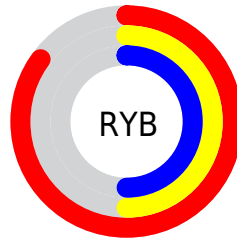
The XYZ color **40.2307, 31.7486, 24.4298** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.2380, 59.2219, 74.6394**, and the grayscale version is **31.0244, 32.6401, 35.5451**.

A 20% lighter version of the original color is **66.3084, 58.0521, 51.4264**, and **18.3632, 13.2432, 8.9855** is the 20% darker color. If you saturate the color by 10%, you get **36.4182, 26.1701, 16.8498**, and if you desaturate by 10%, it is **44.9555, 38.6627, 33.8213**.

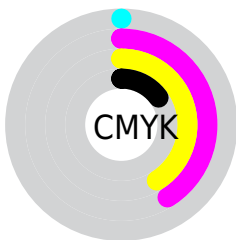
Distribution



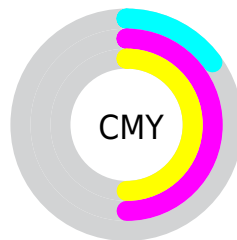
- Red (85%)
- Green (50%)
- Blue (50%)



- Red (85%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (15%)





- Cyan (15%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2307, 31.7486, 24.4298 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.2307, 31.7486, 24.4298 by changing the saturation by 10% instead.


 40.2307, 31.7486,
24.4298


 40.2307, 31.7486,
24.4298


338.2127,
309.9724, 288.3425


 27.9035, 21.1695,
15.4376


 74.7968, 62.4168,
51.6833

 18.3930, 13.2480,
8.9771


 97.7664, 83.2747,
70.7816

 11.3339, 7.5995,
4.6296


 125.0141,
108.3276, 94.0858

 6.3608, 3.8398,
1.9767

156.9054,
137.9601, 122.0143

 3.1084, 1.5844,
0.5409

193.8055,
172.5564, 154.9856

 1.2114, 0.3470,
0.0000

236.0799,

 0.1153, 0.0000,

212.5010, 193.4184

0.0000

284.0939,
258.1782, 237.7312

■ 0.0000, 0.0000,
0.0000

■ 40.2307, 31.7486,
24.4298

■ 40.2307, 31.7486,
24.4298

■ 36.4182, 26.1701,
16.8498

■ 44.9555, 38.6627,
33.8213

■ 33.4569, 21.8368,
10.9630

■ 50.6434, 46.9858,
45.1288

■ 31.2822, 18.6545,
6.6401

■ 57.3447, 56.7916,
58.4506

■ 29.8192, 16.5137,
3.7321

■ 65.1052, 68.1474,
73.8783

■ 28.9787, 15.2837,
2.0615

■ 73.9680, 81.1161,
91.4974

■ 28.6153, 14.7519,
1.3392

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1562, 31.7486, 37.8981



40.2307, 31.7486, 24.4298



36.4792, 31.7486, 16.3802

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.2307, 31.7486, 24.4298



22.8784, 31.7486, 20.2572



29.0630, 31.7486, 71.2212

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.2307, 31.7486, 24.4298



46.2380, 59.2219, 74.6394

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.6444, 31.7486, 62.8318



40.2307, 31.7486, 24.4298



21.3464, 31.7486, 31.4405

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.2307, 31.7486, 24.4298



26.3896, 31.7486, 14.4957



21.9540, 31.7486, 47.1844



34.3084, 31.7486, 67.7627

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.2307, 31.7486, 24.4298



33.0882, 31.7486, 13.8436



21.9540, 31.7486, 47.1844



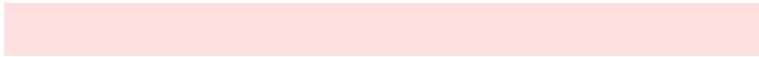
27.4401, 31.7486, 69.6307

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.2315, 31.7502, 24.4304



81.5126, 80.1911, 81.9880



48.8588, 35.2000, 69.8646



17.1609, 16.7454, 16.9798



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2315, 31.7502, 24.4304



53.2629, 38.8536, 25.8289



47.3595, 46.0061, 26.8064



13.0562, 13.0517, 13.5567



17.3223, 8.9301, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.2380, 59.2219, 74.6394



63.0213, 83.4851, 107.4004



36.2745, 39.2949, 71.3182



13.4449, 14.8295, 16.8059



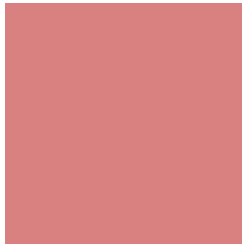
22.6000, 33.0695, 44.9303



1.4642, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 40.2307, 31.7486, 24.4298 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.2307, 31.7486, 24.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

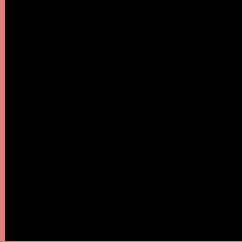
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2307, 31.7486, 24.4298

Background



This preview shows how black text looks on a background with the XYZ color 40.2307, 31.7486, 24.4298.



This preview shows how white text looks on a background with the XYZ color 40.2307, 31.7486,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.2307, 31.7486, 24.4298

Protanopia

30.4970, 32.0765, 29.7833

Deuteranopia

32.4955, 31.8131, 23.8299



Tritanopia

40.9467, 31.8617, 27.2844

Trichromacy



Original Color

40.2307, 31.7486, 24.4298

Protanomaly

33.2396, 31.4274, 27.6067

Deuteranomaly

34.8822, 31.4690, 23.9743

Tritanomaly

40.7365, 31.7776, 26.1770

Monochromacy



Original Color

40.2307, 31.7486, 24.4298

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.5963, 31.7601, 31.1477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2307, 31.7486, 24.4298 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 128, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 40.2307, 31.7486, 24.4298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 128, 128) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 128, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 128,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2307, 31.7486, 24.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 128, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
128, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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